

WHAT IS CLAIMED IS:

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1. A digital image reading apparatus
comprising:

reading means for optically reading an image
of a document to output digital image data;

10 first setting means for setting a reading
rate in a given scanning direction to a desired
value;

an image memory for temporarily storing the
image data;

15 second setting means for setting parameters
related to reading the image of the document based on
communication with an external apparatus; and

computation means for computing a total
amount of the image data from the parameters,

20 wherein the first setting means sets the
reading rate based on the total amount of the image
data.

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2. The apparatus as claimed in claim 1,
wherein the first setting means resets the reading
rate to a value higher than a value to which the
reading rate is set when the total amount of the
5 image data is smaller than a storage capacity of the
image memory.

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3. The apparatus as claimed in claim 1,
further comprising transfer means for transferring
the image data from the image memory to the external
apparatus by communication means.

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4. The apparatus as claimed in claim 3,
20 wherein IEEE 1394 is employed as the communication
means.

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an optical reader optically reading an image

of a document to output digital image data;

a memory temporarily storing the image data
from the optical reader; and

a controller computing a total amount of the
5 image data of the document and controlling a reading
rate in a given scanning direction on the basis of
the total amount of the image data stored in the
memory.

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